

OVERLAP PROGRAMMING DETAIL

Front Panel
Main Menu >Controller >Overlap >Overlap Parameters/Overlap Timings

Web Interface
Home >Controller >Overlap Configuration >Overlaps

Overlap Plan 1

Overlap	1	2	3	4	5	7
Type	FYA 4 - Section	Off	Normal	FYA 4 - Section	Normal	Normal
Included Phases	2,3	-	4,6	4	2,3	3,5
Modifier Phases	1	-	-	-	-	-
Modifier Overlaps	-	-	-	-	-	-
Trail Green	7	0	7	0	7	7
Trail Yellow	4.0	0.0	4.0	0.0	4.0	3.0
Trail Red	1.7	0.0	1.7	0.0	1.7	3.2

COMPATIBILITY

Front Panel
Main Menu >Controller >Sequence & Phs Config>No Served Phase Plans

Web Interface
Home >Controller >Phase Configuration>No Served Phase Plans

Sequence 1

Phase	No Serve Phase
1	
2	
3	8
4	
5	
6	
7	
8	

MAXTIME STARTUP AND SOFTWARE FLASH
PROGRAMMING DETAIL

Front Panel
Main Menu >Controller >Unit

Web Interface
Home >Controller >Unit

Modify parameters as shown below and save changes.

Start Up Parameters

StartUp Clearance Hold
6

Unit Flash Parameters

All Red Flash Exit Time
6

SEQUENCE DETAIL

Front Panel
Main Menu >Controller >Sequence & Phs Config>Sequences

Web Interface
Home >Controller >Sequence

Sequence 1

Ring	Sequence Data
1	1,2,a,3,b,4,c
2	5,6,a,b,8,c

SPECIAL DETECTION IO MODULE PROGRAMMING

The Enhanced Out of Pavement Detection requires adjustments to the IO Modules in use. Follow the programming instructions below to ensure desired operation.

Front Panel
Main Menu >Controller >More >Advanced IO >IO Modules

Web Interface
Home >Controller >Advanced IO >Cabinet Configuration >IO Modules

IO Module	Type	Fault Response
1	Caltrans 332	Default
2	TS2 DR3 BIU	Default
3	TS2 DR4 BIU	Default
4	TS2 MMU	Default

Advanced Cabinet Options

☒ Disable TS2 Cabinet Alarms

OUTPUT CHANNEL CONFIGURATION

Front Panel
Main Menu >Controller >More>Channels>Channels Config

Web Interface
Home >Controller >Advanced IO>Channels>Channel Configuration

Channel Configuration

Channel	Control Type	Control Source	Flash Yellow	Flash Red	Flash Alt	MMU Channel
1	Phase Vehicle	1		X	X	1
2	Phase Vehicle	2		X		2
3	Phase Vehicle	3		X	X	3
4	Phase Vehicle	4		X		4
5	Overlap	7		X		5
6	Phase Vehicle	6		X	X	6
7	Phase Vehicle	7		X		7
8	Phase Vehicle	8		X	X	8
9	Overlap	1		X	X	9
10	Overlap	2		X	X	10
11	Overlap	3		X	X	11
12	Overlap	4		X		12
13	Phase Ped	2				13
14	Phase Ped	4				14
15	Phase Ped	6				15
16	Phase Ped	8				16
17	Overlap	5		X		17
18	Overlap	6		X		18

OVERLAP 7
ASSIGNED TO
CHANNEL 5

NOTE ALT FLASH
SETTING

NOTE ALT FLASH
SETTING

Temporary Design 2 (TMP Phase II Step 1)
Electrical Detail - Sheet 2 of 2

Electrical and Programming Details For	NC 191 (Brevard Road) at I-26 EB / I-240 WB Ramps & Fairfax Avenue / Shelburne Road Division 13 Buncombe County Asheville	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED																													
Prepared for the Offices of:  750 N. Greenfield Pkwy, Garner, NC 27529	<table><tr><td>PLAN DATE:</td><td>May 2026</td><td>REVIEWED BY:</td><td>J O Deaton</td></tr><tr><td>PREPARED BY:</td><td>M W Yalch</td><td>REVIEWED BY:</td><td></td></tr><tr><td>REVISIONS</td><td>INIT.</td><td>DATE</td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>	PLAN DATE:	May 2026	REVIEWED BY:	J O Deaton	PREPARED BY:	M W Yalch	REVIEWED BY:		REVISIONS	INIT.	DATE														<table><tr><td>SEAL</td></tr><tr><td></td></tr><tr><td>DocuSigned by: James O. Deaton 8/10/2026</td></tr><tr><td>DATE</td></tr><tr><td>SIG. INVENTORY NO. 13-1337T2</td></tr></table>	SEAL		DocuSigned by: James O. Deaton 8/10/2026	DATE	SIG. INVENTORY NO. 13-1337T2
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THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 13-1337T2
DESIGNED: May 2026
SEALED: 08/07/2026
REVISED: N/A

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